

ABSTRACT OF THE DISCLOSURE

The present invention provides the structure which facilitates manufacturing of a flat type image display element which includes electrodes capable of enhancing the efficiency with an extremely small control electrode current using a cathode material which can obtain the sufficient intensity of electron emission in a low electric field. That is, the present invention provides the structure in which control electrodes and cathodes are formed substantially on a same plane on a first panel, while control electrode lines which electrically connect the control electrodes of a plurality of pixels are not included in a plane which is parallel to a phosphor screen panel and includes the cathodes and the control electrodes.